

Title (en)

HIGH-STRENGTH WIRE ROD EXCELLING IN WIRE DRAWING PERFORMANCE AND PROCESS FOR PRODUCING THE SAME

Title (de)

HOCHFESTER WALZDRAHT MIT HERVORRAGENDER DRAHTZIEHLEISTUNGSFÄHIGKEIT UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

TIGE D'ENROULEMENT HAUTEMENT RÉSISTANTE PRÉSENTANT D'EXCELLENTE PERFORMANCES D'ÉTIREMENT DE CÂBLES ET SON PROCÉDÉ DE PRODUCTION

Publication

**EP 1897964 A4 20090408 (EN)**

Application

**EP 06767643 A 20060629**

Priority

- JP 2006313026 W 20060629
- JP 2005190259 A 20050629

Abstract (en)

[origin: EP1897964A1] A high strength wire rod in which an area fraction of pro-eutectoid ferrite is 3% or less and an area fraction of pearlite structure is 90% or more, being obtained by subjecting a hard steel wire rod having specified composition to a molten salt patenting treatment directly after hot-rolling or after performing re-austenitization subsequent to hot-rolling.

IPC 8 full level

**C22C 38/00** (2006.01); **C21D 8/06** (2006.01); **C22C 38/02** (2006.01); **C22C 38/04** (2006.01); **C22C 38/14** (2006.01)

CPC (source: EP KR US)

**C21D 8/065** (2013.01 - EP KR US); **C22C 38/00** (2013.01 - EP US); **C22C 38/001** (2013.01 - KR); **C22C 38/02** (2013.01 - EP KR US); **C22C 38/04** (2013.01 - EP KR US); **C22C 38/06** (2013.01 - KR); **C22C 38/14** (2013.01 - EP US); **C22C 38/54** (2013.01 - KR); **C21D 2211/009** (2013.01 - KR)

Citation (search report)

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- [X] JP H11315349 A 19991116 - KOBE STEEL LTD
- [PX] EP 1577410 A1 20050921 - KOBE STEEL LTD [JP] & WO 2004029315 A1 20040408 - KOBE STEEL LTD [JP], et al
- [A] JP 2003328077 A 20031119 - NIPPON STEEL CORP
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